

	Search Text	Hits	DBs
1	"MOST RELEVANT SEARCH AREA: US & IPC CLASS + AN +IDS + F/B.:" S1 S2 S3 "271"/\$.ccls. B65H\$/\$.ipc.	301 031	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
2	"ASSIGNEE(S) NAME(S).:" ( seiko).as.	225 390	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
3	"BROAD SEARCH AREA: PRODUCTS APPLYING CLAIMED TECH. + AN + IDS + F/B.:" S1 S2 S3 (ATM "automated teller machine" "bill changer" cashbox "cash dispenser" "currency acceptor" "currency dispenser" )	859 40	US-PGPUB; USPAT; USOCR
4	"BROAD SEARCH AREA: US & IPC CLASSES CONTAINING TECH. + AN + IDS + F/B.:" S1 S2 S3 "currency" 194/206-207.ccls. "sheet handling.:" "271"/\$.ccls. "currency.:" 382/135-140.ccls. "currency.:" 434/110.ccls. "money handling .:" "902"/\$.ccls. B65H\$/\$.ipc.	735 71	US-PGPUB; USPAT; USOCR
5	"CLAIMED ELEMENTS - WORD/SYNONYM SEARCH.:" (clockwise same counterclockwise "counter clockwise") same (detect detector detectors detects detecting detectable detection detected encoder measure measured measuring measures measurement monitor monitored monitors monitoring sense sensor sensors sensing sensed)	372 46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Search Text	Hits	DBs
6	"CLAIMED ELEMENTS - WORD/SYNONYM SEARCH.:" (clockwise same counterclockwise) same (detect detector detectors detects detecting detectable detection detected encoder measure measured measuring measures measurement monitor monitored monitors monitoring sense sensor sensors sensing sensed)	26090	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
7	"PROBLEM The INVENTION SOLVES - WORD/SYNONYM SEARCH.:" (banknote banknotes bill bills cash certificate certificates check checks currency money moneys note notes paper-money paper-moneys tender) with (bin bins carrier carriers carried carrying cartridge cartridges cassette cassettes compartment compartments container containers hopper hoppers magazine magazines "pack holder" "pack holders" "sheet supply" store stored storing storage) with (energy power size sizes compact miniature miniaturization slim slimmer slimmest small smaller smallest tiny)	12883	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
8	"MOST RELEVANT US & IPC CLASS/SUBCLASS + AN +IDS + F/B.:" S1 S2 S3 "Original Classification.:" 271/180.ccls. "By reciprocating or oscillating packer.:" 271/180.ccls. B65H029/44.ipc. B65H029/46.ipc. "Packing sheets on-edge into receiver.:" 271/181.ccls. B65H029/44.ipc. B65H029/46.ipc. "Means to push sheets out of edgewise into broadside movement (e.g. packer).:" 271/177.ccls. B65H029/38.ipc.	1897	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Search Text	Hits	DBs
9	"SEARCH LIMITED TO SEARCH AREA.:" S25 and S8	1506	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
10	"SEARCH LIMITED TO SEARCH AREA.:" S25 and S7	1503	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
11	"SEARCH LIMITED TO SEARCH AREA.:" S25 and S9	1451	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
12	"SEARCH LIMITED TO SEARCH AREA.:" S19 and S7	1031	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
13	271/180-181.ccls. 271/177.ccls.	718	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Search Text	Hits	DBs
14	"REQUIRED SEARCH AREA: US CLASS/SUBCLASS + AN +IDS + F/B.:" S1 S2 S3 "Original Classification.:" 271/180.ccls. "By reciprocating or oscillating packer.:" 271/180.ccls. "Packing sheets on-edge into receiver.:" 271/181.ccls.	508	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
15	"APPLICANT(S) NAME(S).:" (toru near4 takeuchi).in.	435	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
16	"CLAIMED ELEMENTS - WORD/SYNONYM SEARCH.:" (banknote banknotes bill bills cash certificate certificates check checks currency money moneys note notes paper-money paper-moneys tender) with (bin bins carrier carriers carried carrying cartridge cartridges cassette cassettes compartment compartments container containers hopper hoppers magazine magazines "pack holder" "pack holders" "sheet supply" store stored storing storage) same (clockwise same counterclockwise) same (detect detector detectors detects detecting detectable detection detected encoder measure measured measuring measures measurement monitor monitored monitors monitoring sense sensor sensors sensing sensed)	199	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Search Text	Hits	DBs
17	"SEARCH LIMITED TO SEARCH AREA.:" S15 and S7	178	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Search Text	Hits	DBs
18	("2629484"   "3148879"   "3222057"   "3613560"   "3627094"   "3655186"   "3731799"   "3851744"   "3870629"   "3917260"   "3918359"   "3934693"   "3966047"   "3977669"   "4000892"   "4011931"   "4020972"   "4023011"   "4037703"   "4045017"   "4050562"   "4088071"   "4106767"   "4127328"   "4283708"   "4325277"   "4348656"   "4349111"   "4418824"   "4428503"   "4453667"   "4464787"   "4470496"   "4479049"   "4490846"   "4495585"   "4504052"   "4510380"   "4513880"   "4540081"   "4556139"   "4628194"   "4638746"   "4678072"   "4722519"   "4731523"   "4765607"   "4775824"   "4784274"   "4807736"   "4807866"   "4809966"   "4809967"   "4834230"   "4844446"   "4858744"   "4880096"   "4905839"   "4905840"   "5005688"   "5013026"   "5014857"   "5020110"   "5067701"   "5116037"   "5161736"   "5205481"   "5209335"   "5209395"   "5222584"   "5222626"   "5251738"   "5254841"   "5286017"   "5314177"   "5318164"   "5322275"   "5344135"   "5372361"   "5388817"   "5411249"   "5419423"   "5421443"   "5462150"   "5476169"   "5533605"   "5564545"   "5564691"   "5624017"   "5639081"   "5641157"   "5662202"   "5836435"   "5876033"   "5899452"   "6244589").PN. OR ("2002/0175463"   "2003/0137096"   "2004/0119225"   "4678072"   "5632367"   "5676366"   "6199856"   "6659452").URPN.	166	US-PGPUB; USPAT; USOCR

	Search Text	Hits	DBs
19	("3148879"   "3613560"   "3627094"   "3655186"   "3917260"   "3918359"   "3977669"   "4000892"   "4011931"   "4037703"   "4045017"   "4050562"   "4088071"   "4106767"   "4348656"   "4418824"   "4428503"   "4513880"   "4540081"   "4556139"   "4722519"   "4731523"   "4784274"   "4807736"   "4807866"   "4809966"   "4809967"   "4834230"   "4844446"   "4905839"   "4905840"   "5013026"   "5014857"   "5020110"   "5116037"   "5161736"   "5205481"   "5254841"   "5314177"   "5322275"   "5344135"   "5388817"   "5419423"   "5421443"   "5533605"   "5564545"   "5564691"   "5624017"   "5639081"   "5641157"   "5662202").PN. OR ("4678072"   "6199856").URPN.	116	US-PGPUB; USPAT; USOCR
20	"INVENTIVE CONCEPT - WORD/SYNONYM SEARCH.:" (banknote banknotes bill bills cash certificate certificates check checks currency money moneys note notes paper-money paper-moneys tender) with (bin bins carrier carriers carried carrying cartridge cartridges cassette cassettes compartment compartments container containers hopper hoppers magazine magazines "pack holder" "pack holders" "sheet supply" store stored storing storage) same (pushes packer) with ( control controller controlling controlled controls microcomputer "micro-computer" microprocessor "micro-processor")	111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Search Text	Hits	DBs
21	"SEARCH LIMITED TO SEARCH AREA.:" S19 and S10	65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
22	"SEARCH LIMITED TO SEARCH AREA.:" S25 and S10	30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
23	("3977669"   "4050562"   "4628194"   "4678072"   "4722519").PN. OR ("5344135").URPN.	12	US-PGPUB; USPAT; USOCR
24	"SHORT WORD SEARCH.:" (banknote banknotes bill bills cash certificate certificates check checks currency money moneys note notes paper-money paper-moneys tender) same (clockwise with counterclockwise) same (pusher) with (detect detector detectors detects detecting detectable detection detected encoder measure measured measuring measures measurement monitor monitored monitors monitoring sense sensor sensors sensing sensed)	10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB



	Search Text	Hits	DBs
25	"SHORT WORD SEARCH.:" (banknote banknotes bill bills cash certificate certificates check checks currency money moneys note notes paper-money paper-moneys tender) same (clockwisesame counterclockwise) same (pusher) with (detect detector detectors detects detecting detectable detection detected encoder measure measured measuring measures measurement monitor monitored monitors monitoring sense sensor sensors sensing sensed) not S17	7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
26	"APPLICANT CITED US PATENT ART (IDS).:" ("5344135" ).pn.	2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
27	"SEARCH LIMITED TO SEARCH AREA.:" S12 and S8	2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
28	"SEARCH LIMITED TO SEARCH AREA.:" S12 and S7	2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Search Text	Hits	DBs
29	"APPLICATION No. (AN):" 10/799,531	1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
30	"ABOVE STATEMENT SEARCHES FORWARD/BACKWARD CITATIONS OF APPLICANT CITED US PATENT ART (F/B):" "NONE :"	0	US-PGPUB; USPAT; USOCR
31	"NEXT STATEMENT SEARCHES FORWARD/BACKWARD CITATIONS of TAGGED REFERENCES:."	0	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB